

WHAT IS CLAIMED IS:

1. A metal sheet with anticorrosive coating formed from an anticorrosive paint on at least one side thereof, wherein said anticorrosive paint contains a metallic zinc powder and at least one kind of metal salt rust inhibitor, said metal salt being a salt of a metal which is more base than zinc.

2. The metal sheet with anticorrosive coating as defined in Claim 1, wherein the substrate is a steel sheet.

3. The metal sheet with anticorrosive coating as defined in Claim 1, wherein the coating film has a thickness ranging from 5 μm to 30 μm .

4. The metal sheet with anticorrosive coating as defined in Claim 1, wherein the metallic zinc powder has an average particle diameter ranging from 0.01 μm to 20 μm .

5. The metal sheet with anticorrosive coating as defined in Claim 1, wherein the anticorrosive paint contains the metallic zinc powder in an amount of 40-95 mass% of its solids.

6. The metal sheet with anticorrosive coating as defined in Claim 1, wherein the metal salt rust inhibitor is a fine powder having an average particle diameter no larger than 1 μm .

7. The metal sheet with anticorrosive coating as defined in Claim 1, wherein the anticorrosive paint contains the metal salt rust inhibitor in an amount of 1-30 mass% of its solids.

8. The metal sheet with anticorrosive coating as defined in Claim 1, wherein the metal salt rust inhibitor is a phosphate.

9. The metal sheet with anticorrosive coating as defined in Claim 1, wherein the metal salt rust inhibitor is a phosphomolybdate.

10. The metal sheet with anticorrosive coating as defined in Claim 1, wherein a phosphate coating film is interposed between the metal sheet and the coating film of the anticorrosive paint.